

3. Run the USB cable from Root Port 1 of the daisy chained unit to any available downstream port of its parent unit (Port 5 would be the most convenient choice).

## Appendix PC Power Connector Wiring Diagram



## Troubleshooting

Problem	Cause	Action
Unit Operates Erratically	Static electricity may cause the unit to operate erratically.	Reset the unit by pressing the Reset switch on the unit's front panel, or by unplugging the Upstream cable from the PC's USB port, and then reinserting it. If you have daisy chained hubs, do this on the hub that connects directly to the PC.

## Specifications

Root Ports	2
Downstream Ports	5
LEDs	4 Downstream Power/Overcurrent
Output Voltage (per port)	+5V DC
Output Current (per port)	500mA (max.)
Operating Temperature	5° ~ 40°C
Storage Temperature	-20° ~ 60°C
Humidity	0 ~ 80% RH, Noncondensing
Casing Material	Plastic
Weight	100g
Dimensions (L x W x H)	150 x 101 x 26 mm

## Limited Warranty

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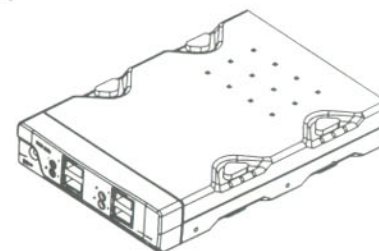
## Radio & TV Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

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USB  
UNIVERSAL SERIAL BUS

UNIVERSAL  
SERIAL  
BUS HUB



## USER'S MANUAL

### UH-125

Read this guide thoroughly and follow the installation and operation procedures carefully to prevent any damage to the hub and/or any of the devices it connects to.

#### THE UH-125 PACKAGE CONTAINS:

- \* 1 USB Hub with 4 Stacking Sleeves
- \* 1 USB Cable (6')
- \* 1 Ribbon Cable
- \* 1 DC Power Adapter

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## Overview

Universal Serial Bus (USB) port technology has emerged in response to the proliferation of external peripheral devices (scanners, digital cameras, removable drives, etc.), that are increasingly being connected to the latest generation of PCs. The USB behaves in a similar fashion to conventional bus ports (i.e., serial, parallel, PS/2), but since it does not require any IRQs, more devices can be attached to the system, and the problem of IRQ conflict is eliminated.

The UH-125 is a USB hub that serves as a cable concentrator and bridge between the PC's USB Host Controller, and USB peripheral devices attached to the system. The UH-125 provides one Upstream port, and five Downstream ports. It supports both full speed (12M bps) and low speed (1.5M bps) devices, such as keyboards, mice, joysticks, etc.

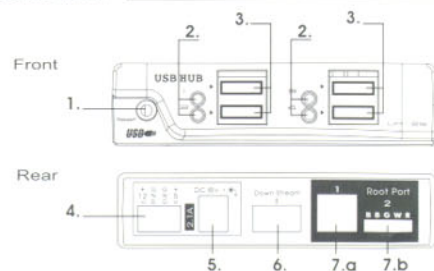
## System Requirements

- Windows 95 OSR 2.0 (and above), or Windows 98
- USB Host Controller installed on the system.

## Features

- Windows and USB Plug & Play Compatible
- 100% iMac Compatible
- Supports Hot-Swapping (USB Devices Can Be Plugged and Removed Without Having to Reset the System)
- Supports both Open Host Controller Interface (OHCI) and Universal Host Controller Interface UHCI)
- Five Downstream Ports with Per Port Overcurrent Detection and Protection
- Per Port Power Ready/Overcurrent LED Indicators
- Can Be Mounted Externally or Internally In One of the PC's Drive Bays
- Stackable - For Neat and Convenient Daisy Chaining

## Introduction



1. Reset Switch
2. Port LEDs  
Downstream Power/Overcurrent Indicators.
3. Downstream Ports 1 - 4  
Cables from USB peripherals can plug into any available port.
4. PC Power Connector  
If you are mounting the unit in one of the PC's drive bays, plug the lead from the PC's power supply in here. See Appendix for wiring diagram.
5. Power Jack  
For external installations, the (optional) DC 5V external power adapter plugs in here.
6. Downstream Port 5
7. Root (Upstream) Ports
  - a) Root Port 1  
The cable that connects your hub upstream to the PC's USB Host Controller (or to another hub that this one is daisy chained off of), plugs in here.
  - b) Root Port 2  
If you are mounting the unit in one of the PC's drive bays, the USB Host Controller ribbon cable from the PC's mainboard plugs in here.

## Cable Connection

### The Power Cable:

- If you are mounting the unit in one of the PC's drive bays, plug the lead from the PC's power supply into the power connector at the extreme left of the rear panel. See the Appendix for a wiring specifications diagram.

**Note:** Check to be sure that the PC's power supply can provide 2.1 Amps of current.

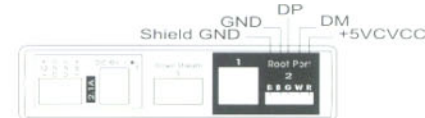
- If you are mounting the unit externally, plug the cable from the DC Power Adapter into the Power Jack located on the rear panel of the unit.

**Note:** If you connect devices to all five ports, check to see if the total power drawn exceeds 2 Amps. If it does exceed 2 Amps, replace the supplied Power Adapter with a 2.6 Amp Power Adapter.

### The USB Cable:

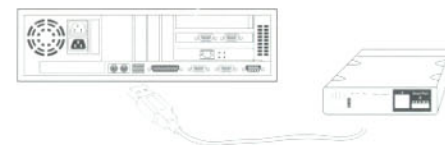
- If you are mounting the unit in one of the PC's drive bays, plug the USB ribbon cable supplied with this package from Port 2 on the unit's rear panel into the connector on the PC's mainboard.

**Note:** The pin specifications for the UH-125's connector are shown below. Please make sure that the pin assignments on the PC's mainboard connector match.



- If you are mounting the unit externally, plug the USB cable's B Connector into Root Port 1 located on the rear panel of the unit; plug the A Connector into the USB Host Controller Port of your PC.

**Note:** If you are daisy chaining this hub, plug the A Connector end of the USB cable into one of the Downstream Ports of its parent hub (Port 5 would be the most convenient choice).



## Stacking

UH-125 units can be stacked and daisy chained to conveniently accommodate all your USB peripherals. To stack the units: Slide the stacking sleeves onto the stacking feet on the top panel of the lower unit.

Hold the upper unit so the stacking feet on its bottom panel line up with the stacking sleeves, and lower it until it is seated firmly in place.

1. Slide the stacking sleeves onto the stacking feet on the cover panel of the lower unit.
2. Hold the upper unit so the stacking feet on its bottom panel line up with the stacking sleeves, and lower it until it is seated firmly in place.